MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST, 1932

J. A. BROWN, DIRECTOR

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AUGUST 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	52 8	52.6	52.7	52.7	32.5	23.7	29.8	32.2	26.6	29.5
2	2.4	2.2	2.6	2.4	32.9	23.6	28.8	32.2	26.6	29.2
3	3.1	3.7	4.3	3.7	32.8	24.1	29.2	32.3	26.6	29.4
4	5.2	5.6	5.4	5.4	32.3	23.2	28.9	31.6	26.4	29.0
5	5.3	5.1	5.8	5.4	32.2	23.2	28.6	31.2	26.5	28.8
6	55.3	54.9	55.0	55.1	32.1	23.2	28.7	31.4	26.1	28.7
7	3.6	3.7	4.1	3.8	31.8	23.4	29.0	31.4	25.8	28.7
8	5.0	5.1	6.1	5.4	31.5	23.9	29.4	31.0	25.5	28.6
9	6.6	6.0	6.3	6.3	31.4	22.9	29.4	30.8	25.9	28.7
10	5.8	5.5	5.2	5.5	31.4	23.4	28.4	30.6	25.4	28.1
11	55.4	55.5	55.9	55.6	31.7	23.3	28.6	31.3	25.6	28.5
12	5.9	5.5	5.8	5.7	32.3	23.0	28.4	31.6	25.8	28.6
13	6.1	5.4	5.5	5.7	32.8	22.5	29.3	32.2	26.0	29.2
14	5.0	3.1	4.5	4.2	33.6	23.3	28.8	31.6	25.8	28.7
15	4.7	4.0	4.8	4.5	32.3	23.2	28.5	32.0	25.8	28.8
16	55.0	54.8	55.0	54.9	31.9	22.9	28.2	31.3	26.6	28.7
17	6.1	5.9	6.5	6.2	31.2	22.9	28.7	31.4	26.1	28.7
18	7.5	7.4	7.5	7.5	32.2	23.2	29.1	31.1	26.1	28.8
19	7.3	6.3	6.7	6.8	32.2	22.7	28.3	31.3	26.0	28.5
20	7.2	6.7	7.1	7.0	31.9	22.8	29.3	30.6	26.2	28.7
21	58.9	59.0	59.2	59.0	31.3	22.3	28.7	30.5	26.6	28.6
22	9.5	8.3	7.8	8.8	32.9	21.8	30.5	31.2	27.3	29.7
23	7.5	6.7	6.8	7.0	33.5	25.1	29.5	32.7	27.1	29.8
24	7.1	6.7	6.7	6.8	33.0	23.9	28.9	32.3	27.6	29.6
25	8.2	7.6	7.5	7.8	34.3	25.4	30.1	33.2	28.6	30.9
26	58.2	58.1	57.4	57.9	32.9	25.3	29.8	31.7	26.9	29.5
27	7.6	6.8	6.8	7.1	32.7	23.9	29.3	32.2	26.3	29.3
28	5.9	5.6	5.8	5.6	33.1	24.2	29.3	32.6	26.7	29.5
29	6.2	6.1	6.7	6.3	33.3	23.5	30.5	32.3	26.5	29.8
30	8.2	7 5	7.9	7.9	32.1	23.7	28.4	31.4	26.1	28.6
31	8.8	8.1	8.9	8.6	32.1	24.3	28.7	31.4	26.5	28.9
	56.49	55.77	55.75	56.00	32.39	23.48	29.06	31.65	26.37	29.03

Barometer, Range for month 752.2—759.2 m.m.
,, 50-yr. average for month 756.173 m.m.
Thermometer, Range for month 21°.8—34° 3 c.
,, 50-yr. average for month 28°.39 c.
Rain, total for month 0.0 m.m.
,, , 50-yr average for month 0.51 m.m.
,, , total Sept. 1st to end of month 515.09 m.m.
,, , 50-yr. average, Sept. 1st to end of month. 907.56 m.m

AUGUST 1932
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	25.2	26.4	24.8	20.0	20.7	21.7	20.8	64	58	84	69	12.7	
2	25.1	26.0	24.0	20.3	20.9	19.9	20.4	68	55	76	66	12.8	
3	24.3	26.1	24.3	18.4	19.8	20.7	19.6	59	55	80	65	12.7	
4	24.6	25.9	23.8	19.3	20.1	19.8	19.7	65	57	78	67	12.9	
5	24.4	25.5	24.3	19.2	19.5	18.8	19.2	66	57	73	65	12.8	
6	24.5	24.9	23.1	19.3	18.3	18.5	18.7	66	53	73	64	11.2	
7	24.3	24.8	22.6	19.0	18.0	17.9	18.3	66	52	72	63	12.5	
8	23.2	23.7	24.4	16.6	16.3	21.7	18.2	54	49	89	64	12.4	
9	21.4	24.4	22.8	14.6	17.7	18.2	16.8	48	54	73	58	12.6	
10	23.2	24.3	22.6	17.0	17.6	18.2	17.6	58	53	75	62	12.3	
11	24.2	25.6	23.2	18.8	19.5	19.1	19.1	64	57	77	66	12.6	
12	24.5	25.7	23.9	19.5	19.5	20.5	19.8	67	56	83	69	12.9	
13	24.4	25.6	23.3	18.8	18.9	19.0	18.9	62	53	76	64	12.4	
14	24.6	25.6	24.3	19.4	19.3	21.2	20.0	65	55	86	69	12.7	
15	24.9	25.9	24.2	20.2	19.8	21.0	20.3	70	56	85	70	12.8	
16	23.7	24.9	23.2	18.1	18.4	18.3	18.3	63	54	71	63	12.8	
17	24.8	25.9	23.9	20.0	20.2	20.3	20.2	68	58	81	69	12.7	
18	24.2	25.6	23.4	18.6	19.9	19.2	19.2	65	58	76	66	12.6	
19	23.8	24.8	23.5	18.2	18.0	19.4	18.5	63	53	78	65	12.5	
20	23.9	29.7	22.8	17.8	17.5	18.0	17.8	59	54	70	61	9.9	
21	23.8	24.4	23.8	18.3	18.0	19.7	18.7	64	55	77	65	9.2	
22	24.8	26.6	26.2	18.6	21.8	24.1	21.5	57	65	90	71	11.7	
23	26.2	26.7	24.5	22.2	20.9	20.6	21.2	72	56	78	69	12.0	
24	25.6	27.2	25.1	21.4	22.2	21.5	21.7	72	62	78	71	11.8	
25	26.2	27.7	25.6	22.5	20.1	21.6	21.4	71	52	74	66	11.5	
26	26.0	26.6	24.9	21.7	21.4	21.7	21.6	69	61	83	71	11.0	
27	25.7	25.8	23.4	21.4	19.5	20.9	20.6	70	55	82	69	12.0	
28	25.2	26.6	24.3	20.3	20.8	20.5	20.5	67	57	79	68	11.9	
29	23.7	24.8	23.6	15.1	17.5	19.3	17.3	46	49	75	57	12.3	
30	23.6	23.9	24.1	17.8	16.4	20.7	18.3	62	47	82	64	11.8	
31	23.1	24.3	22.6	16.7	17.1	17.3	17.0	57	49	66	57	12.4	
	24.39	25.67	23.91	19.00	19.21	19.97	19.39	63.4	55.0	78.0	65.5	12.14	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

AUGUST 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	2cu	1cu	1.0	1w	1w	0	484.5	stormy	
2	1cu	1cu	0	0.7	2sw	1sw	0	498.3	mod.	haze a.m.
3	0	1cu	5cu	2.0	2sw	1sw	0	613.2	stormy	
4	1cu	3cu	2cu	2.0	1s	1w	1sw	438.3	mod.	
5	0	1cu	0	0.3	1s	1w	0	502.6	light	
6	2cu	1ci	1cu	1.3	1sw	1w	1w	449.8	mod.	
7	2stcu	1cu	0	1.0	1w	1w	1w	559.5	rough	
8	2cu	1ci	0	1.0	1s	1w	0	703.3	„	
9	0	1stcu	1stcu	0.7	0	1nw	0	93.6	„	
10	1cu	1cu	1cu	1.0	1nw	1nw	0	292.6	stormy	
11	0	0	1cu	0.3	1nw	1nw	0	461.1	„	
12	0	0	0	0.0	1sw	0	0	284.9	mod.	
13	0	0	0	0.0	0	1nw	0	18.2	light	
14	0	0	1cu	0.3	1w	1w	0	348.8	slight	
15	1cu	0	0	0.3	1sw	1w	0	186.7	light	
16	0	0	0	0.0	0	0	0	115.1	calm	
17	0	0	0	0.0	1nw	1w	0	189.8	light	
18	0	3stcu	0	1.0	1sw	1w	0	284.8	„	
19	0	0	2stcu	0.7	1sw	1nw	0	142.1	mod.	
20	3stcu	1ci	0	1.3	0	1nw	0	24.6	slight	
21	2stcu	0	0	0.7	0	1n	1nw	42.4	calm	
22	0	0	5stcu	1.7	1n	1n	0	113.6	rough	
23	0	0	0	0.0	0	1nw	0	16.1	light	
24	0	0	0	0.0	0	0	0	112.0	slight	
25	0	0	0	0.0	1nw	0	1w	68.9	mod.	
26	0	6stcu	0	2.0	1w	0	0	88.4	light	
27	4stcu	1stcu	0	1.7	1w	1n	0	233.0	slight	
28	0	0	0	0.0	1w	1w	0	233.0	mod.	
29	0	0	0	0.0	0	1nw	0	233.0	light	
30	2cu	1cu	5cu	2.7	1w	1nw	0	233.0	slight	
31	4cu	3cu	5cu	4.0	1nw	1w	0	233.0	stormy	
				0.83	0.8	0.8	0.2	267.66		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	3	7	8	4	8
14:30	3	0	0	0	0	1	13	9	5
20.30	0	0	0	0	0	1	3	1	26
Totals	4	0	0	0	3	9	24	14	39

Number of days with rain 0, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.2